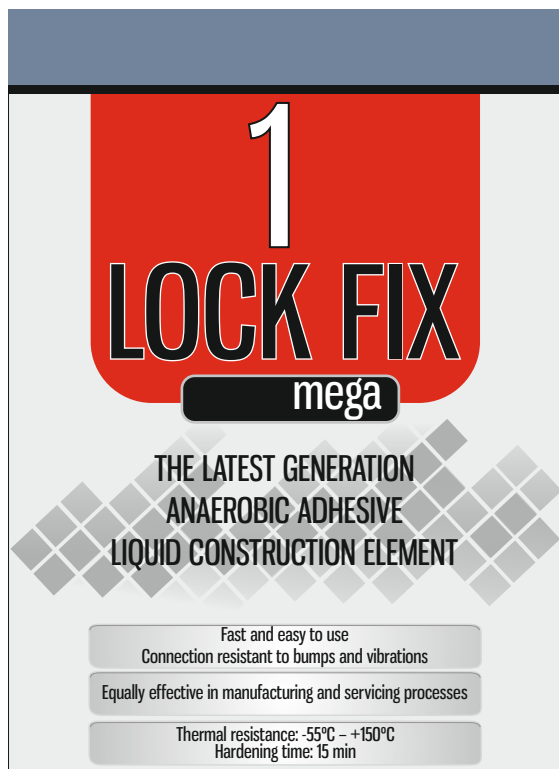



MEGA LOCK FIX 1
MFX1

CAUTION

All information, including illustrations, are reliable. However, the users should evaluate the usability of each product for a given application. TTP Polska Sp. z o.o. does not guarantee the accuracy of all information and does not accept responsibility for how the products are used. The liabilities of TTP Polska Sp. z o.o. are limited solely to the standard terms and conditions of sale of the product and in no case whatsoever does TTP Polska Sp. z o.o. bear any responsibility for accidental or indirect damages resulting in the sale, use and improper use of the product.

GENERAL INFORMATION

MEGA LOCK FIX anaerobic adhesives are single-component liquid plastics that harden permanently into a mechanically and thermally resistant mass, once the oxygen supply is cut off and the adhesive is put in contact with the metal. Liquid anaerobic plastic adheres to external coarse areas of connected elements. A shaped connection resistant to bumps and vibrations is established, providing protection against water, oil, liquid fuels, gases and other chemical substances. **MEGA LOCK FIX** adhesives — so-called "liquid construction elements" — are state-of-the-art technology for secure connecting, sealing, fixing and protecting metal machine parts and components. They are equally effective in manufacturing and servicing processes. Easy to apply straight out of the packet. **MEGA LOCK FIX 1** is especially suitable for applications such as sealing and locking large studs and bolts (M25 and larger).

TECHNICAL DATA

Technology: acrylic
 Consistency: liquid
 Colour: red
 Chemical compound: dimethacrylate ester
 Fluorescence: positive in UV light
 Hardening: anaerobic
 Viscosity at 25°C: 1,600–5,500 cPs (high thixotropy)
 Density at 25°C: 1.1
 Resistance: medium to high
 Breakaway torque of the M10 nut and bolt, ISO 10964: 22 Nm
 Holding torque of the M10 nut and bolt, ISO 10964: 10 Nm
 Thermal resistance: -55°C – +150°C
 Safety measures: provided in the safety data sheet
 Hardening time: 15 min. (hardening time depends on the type of surface, size of a fissure at connection point and temperature)

USAGE

MEGA LOCK FIX 1 is an adhesive for protection of threads, featuring a strong adhesive bonding force. **MEGA LOCK FIX 1** is designed for locking large bolts (above M25) and thus protecting them against unscrewing under the influence of vibrations; it also prevents leakages from threads. **MEGA LOCK FIX 1** is suitable for larger threaded locks, e.g. bolts that require a strong force. It is not recommended to use the product in environments with the presence of pure or a high concentration of oxygen. The product should not be used in locations subject to contact with chlorine and other strong oxidizing agents.

Application method

1. The best results are obtained on clean surfaces, free from lubricating substances.
2. Apply a few drops on the bolt and nut.
3. Application and pressure according to requirements.
4. Shake before use.
5. Be careful not to touch the metal surface with the tip of the nozzle, as this may cause the opening to clog.

Disassembly

1. Heat up the bolts and nuts and then disassemble while hot.

CLASSIFICATION

Article code	Name	Packaging	Type
MFX1	MEGA LOCK FIX 1	container 50 ml	adhesives, sealants

